

## JP 2074613

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Composite fibre, for filter, etc. - is obtd. by joining fibre-forming  
polyphenylene sulphide and polyethylene polyterephthalate polymers, etc.

Patent Assignee: KANEBO LTD (KANE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

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JP 2074613	A	19900314	JP 88223951	A	19880907	199017 B

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Abstract (Basic): JP 2074613 A

Composite fibre is formed by jointing two fibre-forming polymers,  
has continuous structure at fibre axis direction, one member of polymer  
comprising composite fibre is polyphenylene sulphide (PPS) comprising  
segments of less than 2 deniers, other member is PET copolymer exposed  
at least one part on circumference of composite fibre and melting  
viscosity of PPS at 300 deg.C is at 1000-3000 poises. PPS is polymer  
unity more than 80% by mol. of structural unit (I). Composite ratio of  
PPS to PET copolymer is of 1:1-10:1, PET copolymer exposed on  
circumference of composite fibre is obtd. by dissolving PET copolymer  
with alkali after forming woven or knitted fabrics.

USE/ADVANTAGE - Obtd. by composite spinning of two PPS components  
and heating with alkali. Obtd. fibre is pref. used as filter for  
organic solvent or strong acidic or alkaline soln. (4pp Dwg.No.0/6)